Listing of Claims:

1. (Previously Presented) A camera comprising:

a light-receiving lens;

a pair of distance measuring sensor arrays which receive an object light flux from a central area of footage through the light-receiving lens, and which are formed on a semiconductor chip;

a focus adjustment mechanism which adjusts a focusing state of a taking lens based on outputs from the distance measuring sensor arrays;

a pair of photometric sensors which are arranged on the semiconductor chip adjacent to the pair of the distance measuring sensor arrays to perform photometry of a peripheral area of the footage; and

an exposure control section which performs an exposure control at the time of shooting by using brightness information of the central area of the footage output based on the image signal of the pair of distance measuring sensor arrays, and brightness information of the peripheral area of the footage detected by the pair of photometric sensors.

2. (Previously Presented) The camera according to claim 1, wherein one of the pair of the photometric sensors performs

photometry of an upper part of the footage and the other one of the pair of photometric sensors performs photometry of a lower part of the footage.

Claim 3 (Canceled).

4. (Previously Presented) The camera according to claim 1, wherein the exposure control portion comprises a judgment portion which judges a backlight state of an object based on the brightness information of the central area of the footage and the brightness information of the peripheral area of the footage.

Claim 5 (Canceled).

6. (Currently Amended) ~~The~~ A sensor unit ~~according to claim 5, further~~ for a camera, said sensor unit comprising:

a light-receiving lens;

first and second distance measuring sensor arrays which are formed on a single semiconductor chip, and which receive an object light flux from a central part of a footage through the light-receiving lens;

first and second photometric sensors which are formed on the single semiconductor chip and which receive an object light flux from a peripheral part of the footage through the light-receiving lens; and

~~an exposure~~ a control section which performs a focus adjustment of a taking lens based on outputs from the first and second distance measuring sensor arrays, and which carries out an exposure quantity control based on outputs from the first and second distance measuring sensor arrays and outputs from the first and second photometric sensors.

Claims 7-12 (Canceled).